

The Free Energy of Formation of Magnanese Carbide
 $Mn_{23}C_6$, by V. I. Alekseyev, L. A. Shvartsman, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2,
1961, pp 346-348.

CB

Sci - Chem

Aug 62

ON THE INTERACTION OF IMIDO ESTERS WITH ALKYL
HALIDES, BY A. E. ARBUZOV, V. E. SHISHKIN,
4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 2,
L961, PP ~~349~~-352.

CB

SCI

AUG 62

205,807

MTHEOFS FOR STUDYING THE STABILITY OF PHTH-
ALOCYANINE COMPLEX COMPOUNDS, BY B. D. BEREZIN,
4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXL1, NO 2,
1961, PP 353-356.

CB

SCI

AUG 62

205,803

REACTIONS OF POLYFLUORINATED NITROSAALKANES WITH
AMINES, BY S. P. MAKAROV, A. YA. YAKUBOVICH,
4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 2,
1961, PP 357-367XO.

CB

SLA 62-14985

SCI

AUG 62

205,809

Pyrrolizidine Alkaloids, The Absolute Configuration of 1-Methylenepyrrolizidine and Other Pyrrolizidine Bases, by A. M. Likhoshesterov, A. M. Krytsin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2, 1961, pp 361-363.

CB

Sci - Chem

Aug 62

SCANDIUM CHALCOGENIDES, BY A. A. MEN'KOV, L. N.
KOMISSAROVA, 4PP.

RUSSIAN, PER, DOK AK NAUKSSSR, VOL CXLI, NO 2,
1961, PP 364-367.

CB

SCI
AUG 62

205,610

Inhibitors of Free Radical Reactions. Auto-alkylation of 3,5-Di-tert-Butyl-4-Hydroxybenzylamine, by G. A. Nikiforov, K. M. Dymayev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2, 1961, pp 368-370.

CB

Sci - Chem

Aug 62

The Decomposition of Diphenylmercury in Cyclohexane and Cyclohexene, by G. A. Razuvayev, G. G. Petukhov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2, 1961, pp 371-373.

CB

Sci - Chem

Aug 62

SULFONATION OF 2-VERATRYL#- AND 2-PIPEORNYL-
L,#-INDANDIONES, BY A. YA. STRAKOV, O. YA.
NEILAND, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 2,
1961, PP 374-377.

CB

205,811

SCI

62

A

The Effect of Hydrogen and of Argon on Electrocracking of Methane and Ethylene, by A. B. Tsentsiper, E. N. Eremin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2, 1961, pp 378-380.

CB

Sci - Chem

Aug 62

Thermodynamic Properties of Ag-Bi Melts, by
A. A. Vecher, Ya. I. Gerasimov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No XX 2, 1961, pp 381-383.

CB

Sci - Phys, & Chem

Aug 62

(SF-1879)

On Theory of Gas Flexibility Along Solid
Surfaces Under the Action of Changing
Temperatures, by B. V. Deryagin, S. P.
Bakanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, No 2,
Vol CXLI, 1961, pp 384-386.

JPRS 13151

Sci - Phys
Apr 62

CB 189,324

Effect of Solution Concentration on the Conformation of a PolymerChain in Solution, by P. I. Zubov, Yu. S. Lipatov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~XX~~ CXLI, No 2, 1961, pp 387, 388.

CB

Sci - Phys, Chem

Aug 62

THE ROLE OF PHASE TRANSFORMATIONS IN THE
POLYMERIZATION OF MONOMERS IN THE SOLID STATE,
BY V.A. KARGIN, V. A. KABANOV, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 2,
1961, PP 389-392.

CB

SCI - PHYS CHEM

209,628

SEP 62

IGNITION LIMITS IN TURBULENT GAS MIXTURES, BY
V. P. KARPOV, A. S. SOKOLIK, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 2,
1961, PP 393-396.

CB

SCI - PHYS CHEM

209,629

SEP 62

Diffusion of Iodine in Compressed Carbon Dioxide
Near Its Critical Point, by I. R. Krichevskiy,
N. E. Khazanova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 2, 1961, pp 397-399.

CB

Sci - Phys, Chem

Aug 62

The Temperature Dependence of the Coordination
Numbers of Particles in Liquid Solutions,
by V. I. Kuz'mich, V. K. Prokhorenko, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 2, 1961, pp 400-401.

CB

Sci - Phys, Chem

Aug 62

POLARIZATION OF GAS ELECTRODES IN CONTACT WITH
SOLID ELECTROLYTES, BY A. D. NEUMIN,
S. V. KARPACHEV, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 3,
1961, PP 402-405. 2

CB

SCI - PHSY CHEM

209,630

SEP 62

Strengthening of Nickel Solid Solutions,
by L. I. Pryakhina, L. A. Ryabtsev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 2, 1961, pp 406-408.

CB

Sci - Phys, Chem

Aug 62

Electron Paramagnetic Resonance Study of the
Reaction of Molecular Oxygen With a Stable Free
Radical in Solution, by A. A. Revina, N. A.
Bakh, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 2, 1961, pp 409-412.

CB

Sci - Phys, Chem

Aug 62

DECOMPOSITION KINETICS OF ALKALI METAL AMALGAMS IN
BUFFER SOLUTIONS, BY A. N. FRUMKIN, V. N.
KORSHUNOV, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 2,
1961, PP 413-416.

CB

SCI - PHYS CHEM

209,633

SEP 62

TH

Zonal-Geographical & Changes in the Littoral Zone
of the Pacific Coast of Asia, by Ye. F.
Gur'yanova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~CLX~~ CXL1,
No 2, 1961, pp 453-~~5~~56.

4

AGU

~~Si~~ ~~Xli~~

Sci

Dec 62

(SF-2185)

Problem of the Mechanisms of the Action
of Aminazine and Imminazine, by Yu. Ya.
Gaynisman, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR,
Vol CCLI, 1961, pp 461-463.

BJPRS 13158

Sci - Med
Apr 62

189,325

A Survey of Fish Lesches (Hirudinea, Piscicolidae)
of the Northern Seas of the USSR, by V. M. Epsh-
tein.

RUSSIAN, par. Doklady Akademii Nauk SSSR, Vol 141,
No 6, 1961, pp 1508-1511.

NLL RTS 3072

Sci-B and M

Nov 67

345,227

The Question of the Experimental Denervation of Liver,
by A. I. Seranova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2,
1962, pp 464-466.

AIBS

Sci - Biol Sci

Sep 62

Some Data on the Quantitative Distribution and
Diminution in ~~XX~~ Size of Rapana Bezoar L. in
Eastern Part of Black Sea and Kerch Strait, by
A. I. Ivanov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2,
1962, pp 467-468.

AIBS

Sci - Biol ~~EIBZ~~Sci

Sep 62

Effect of Gamma-Radiation on Structural Development of
Spinal Cord of Chick Embryo, by G. E. Sviderskaya, 3 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2, 1961,
pp 469-472.

AIP

Sov Phys - Dok

Vol VI, No 11

Sci

AIBS

may 62

193,230

Study of the Linkages Formed During Incorporation of
Amino Acids Into Proteins in the Intact Organism, by
Yu. E. Babskaya, A. S. Konikova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 2, 1961,
pp 473-476.

AIES

Sci

Jun 62

Comparison of the Reducing Potentials of
Chlorophyll and of Bacterial Pigments
During Illumination, by B. V. Evstigneyev,
V. A. Gavrilova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 2, 1961, pp 477-480.

AIBS

OTS 63-16719

Sci

200,816

Jun 62

Structural Transformations Associated with the
Reversible Inactivation of Trypsin, by
V. P. Kushner, S. Ya. Frenkel', 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXLY,
No 2, 1961, pp 481-484.

AIBS

Sci

200,817

Jun 62

Disturbances of Energy ~~Metab~~ Metabolism of Plants as a
Result of Gamma-Irradiation, by L. V. Metlitskiy, E. G.
Sal'kova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2, 1961,
pp 485-487.

AIBS

Sci

Jun 62

Effect of Cycloserine and of Related Substances
on the Activity of Pig Heart Aspartate-
Glutamate ~~TM~~ Transaminase and Alanine-
Glutamate Transaminase, by O. L. Polyanovskiy,
Yu. M. Torchinskii, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXLI,
No 2, 1961, pp 488-491.

ATBS

Sci

200,818

Jun 62

Year-Old Tulip Pollen and the Results of Its Use for
Pollination, by V. P. Pechenitsin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2, 1961,
pp 492-494.

AIBS

Sci

Jun 62

On the Transmission of Light by Plant Leaves on ~~Irradiation~~
Irradiation With White and Monochromatic Light, by
V. P. Dadykin, B. N. Grushevskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXLI, No 2, 1961,
pp 495-497.

AIBS

Sci

Jun 62

On the Antibiotic Substances in the Culture Liquid of
the Tea Fungus-Medusomyces Gisevii, by M. N. Semenova,
V. I. Velikanova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2, 1961,
pp 498-499.

AIBS

Sci

Jun 62

A Method of Determining Intra-Species Differences
in Trout Blood, by I. A. Balakhnin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2,
1962, pp 500-501.

AIBS

Sci - Biol Sci

Sep 62

The Localization of the Secretion of Hyaluronidase in
the Nephron, by A. G. Ginetsinskiy, V. F. Vasil'eva, 2 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2,
1962, pp 502-504.

AIBS

Sci - Biol Sci

Sep 62

(SF-2185)

The Electrical Indices of the Tuning-
Regulatory Activity of the Association
Parietal Regions of the Brain, by B.
Kh. Gurevich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR,
Vol CXLI, 1961, pp 505-508.

JPRS 13158

A185

189,326

Sci - Med
Apr 62

Experimental Prophylaxis of Certain Changes Developing
in the Myocardium in Chronic Cardiac Insufficiency,
by F. Z. Meyerson, M. G. Pshennikova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL⁺I, No 2,
1962, pp 509-512

AIBS

Sci - Biol Sci

Sep 62

Convex Homogeneous Domains, by E. B. Vinberg,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 521-524.

Amer Math Soc

Sci

Jun 62

200,850

On the Set of Angular Limiting Values of Normal
Meromorphic Functions, by V. I. Gavrilov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, 1961,
pp 525-526.

Amer Math Soc

Sci

Jun 62

An Integral Equation Connected With a Pulse
Motion Along a Circle, by S. I. Gel'fand,
D. A. Kazhdan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 527-530.

Amer Math Soc

Sci

Jun 62

200,851

Integral Formulas for Siegel Domains of the
Second Kind by S. G. Gindikin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 531-534.

Amer Math Soc

Sci

200,852

Jun 62

The Index in Boundary-Value Problems for
Invariant Elliptic Systems, by A. A. Dezin,
3 pp.

RUSSIAN, per, ~~Dok Ak Nauk SSSR~~, Vol CXLI,
1961, pp 535-538.

Amer Math Soc

Sci

Jun 62

200,853

On Refinement of the Estimate of the Spectral
Function of the Laplace Operator, by
Ya. M. Zhileikin, 4 pp.

RUSSIAN, per, Bk Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 543-546.

Amer Math Soc

Sci

200.854

Jun 62

Smoothness Properties of Generalized
Potentials of an Elliptic Operator, by
V. A. Il'in, I. A. Shishmarev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 547-550.

Amer Math Soc

Sci

200,855

Jun 62

Solution of the Cauchy Problem for Hyperbolic
Equations by Means of Finite Differences, by
I. Kopachek, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLE,
1961, pp 551-554.

Amer Math Soc

Sci

200,856

Jun 62

Projective Imbeddings of Algebraic Varieties,
by B. G. Moishezon, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 555-557.

Amer Math Soc

Sci

Jun 62

200, 857

A Test for the Completeness of the System
of Eigenvectors and Adjoint Vectors of a
Polynomial Bundle of Operators, by
Yu. A. Palant, 3 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 558-560.

Amer Math Soc

Sci

200,858

Jun 62

On Paracompact^d and Finally-Compact Spaces,
by V. Ponomarev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXLI,
1961, pp 561-563.

Amer Math Soc

Sci

Jun 62

200,859

Fourier Coefficients of Periodic Functions
Belonging to Nikol'skiy's H-Classes, by
M. K. Potapov, 4 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 564-567.

Amer Math Soc

Sci

200,860

Jun 62

Conditions for the Existence of a Solution
for a Quasilinear Parabolic Equation, by
A. F. Filippov. 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 568-570.

Amer Math Soc

Sci

200,861

Jun 62

A Continuous Analogue of Polynomials Orthogonal
on a Circular Arc, by N. I. Ahiezer, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 569-~~572~~

Amer Math Soc

Sci

Jun 62

Inverse Problems of the Additive Theory of
Numbers. On the Addition of Sets of Residues
With Respect to a Prime Modulus, by
G. A. Freiman, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 571-573.

Amer Math Soc

Sci

200, 862

Jun 62

A Numerical Method for Solving Eigenvalue Problems, by I. S. Hara, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, 1961, pp 574-577.

Amer Math Soc

Sci

200,863

Jul 62

The Simplest Model of Halos, by D. O. Mokhnach, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3, 1961,
pp 578-581.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci

May 62

193,218

Diverging Diagrams in the Formal Perturbation Theory
for a Nonideal Fermi-Dirac System, and the Mutual
Cancellation of Such Diagrams, by V. V. Tolmachev,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3, 1961,
pp 582-585.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci
May 62

193,222

Determining the Frequencies of Transitions Between
Various States of the Activator Molecule in Organic
Luminophosphors, by A. V. Aristov, B. Ya. Sveshnikov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3, 1961,
pp 586-589.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci

May 62

Circular High-Energy Accelerators With a Self-
Adaptive Magnetic Field, by Ye. L. Burshtein, A. A.
Vasil'yev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3, 1961,
pp 590-592.

AIP
Sov Phys - Dok
Vol VI, No 1.1

Sci

May 62

The Decay of B_{β}^9 Nuclei in Nuclear Emulsions, by V. F.
Darovskikh M. M. Makarov, 2 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CXLI, No 3, 1961,
pp 593-594.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci

May 62

Fine Structure of Excitation Functions of Some Cadmium Lines, by I. P. Zapesochnyi, V. S. Shevera, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3, 1961, pp 595-598.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci

May 62

193,226

Quantum Theory of Unstable Elementary Particles, by
L. A. Khalfin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3, 1961,
pp 599-602.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci

May 62

193,227

Interaction of Vacancies With Grain Boundaries, by
Ya. M. Geguzin, N. N. Ovcharenko, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3, 1961,
pp 603-606.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci

May 62

193,228

The Motion of Twinning Dislocations in Calcite, by
V. Z. Bengus, S. N. Komnik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3, 1961,
pp 607-610.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci

May 62

193,220

The Mechanism of Rearrangement of Imidoethers,
by A. E. Arbuzov, V. E. Shishkin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3,
1961, pp 611-612.

CB

Sci - Chem
Aug 62

The Mechanism of Polymerization of Epichlorohydrin
Over the Catalytic System FeCl_3 - Propylene Oxide,
by L. A. Bakalo, B. A. Krentsel, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3,
1961, pp 613-615.

CB

Sci - Chem

Aug 62

CATALYTIC DEHYDROGENATION OF ALKYLPHENOLS, BY
A. A. BALANDIN, G. M. MARUKYAN, 4 PP.

RUSSIAN, PE, DOK AK NAUK, SSSR, VOL CXLI, NO 3,
196L. PP 616-619.

CB

SCI

AUG 62

205,812

INVESTIGATION OF THE STRUCTURE OF UNSATURATED
NITRO COMPOUNDS BY THE METHOD OF DIPOLE MOMENTS,
BY V. N. VASIL'EVA, V. V. PEREKALIN, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI,
NO 3, PP 620-623.

1761

CB

SCI

AUG 62

205,813

SYNTHESIS AND INVESTIGATION OF THE STRUCTURE OF
DOUBLE DIAZONIUM SALTS OF ALUMINUM HALIDES, BY
L. A. KAZITSYNA, S. V. PASYNKEVICH, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 3,
1961, PP 624-627.

CB

SCI

AUG 52 62

205,814

REACTION OF ALKYL- AND ALKOXYOXAZOLES WITH
MALEIMIDE, BY G. YA. KONDRAT'eva AND HUANG
CHIH-HENG, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 3,
1961, PP 628-631.

CE

SC!

AUG 62

205,815

INVESTIGATION OF THE COMPOSITION OF PRODUCTS OF
REACTION OF VANADIUM OXYTRICHLORIDE WITH
TIRETHYLALUMINUM, BY G. N. PETROV, A. A.
KOROTKOV, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI,
NP 3, 1961, PP 632-635.

CB

TT-64-20164

SCI
AUG 62

205,816

Synthesis of Carboxylic Acids and Their Esters
From Carbon Monoxide and Alcohols With Acid
Catalysts, by K. V. Puzitskiy, Ya. T. Eidus,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3,
1961, pp 636-637.

CB

Sci - Chem

Aug 62

Preparation of 2,2-Disubstituted 1-Aminoindan-
Ones, by Ya. F. Freimanis, G. Ya. Vanag, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3,
1961, pp 638-640.

CB

Sci - Chem

Aug 62

STUDY OF POLYMERIZATION OF CYANO-CONTAINING
ORGANOSILICON COMPOUNDS, BY A. M. POLYAKOVA,
V. V. KORSHAK, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI,
NO 3, 1961, PP 641-644.

CB

SCI

AUG 62

205,817

THE STRUCTURE OF "ANOMALOUS" AMINONITRILE
COMPLEX COMPOUNDS OF DIVALENT PLATINUM, BY
YU. YA. KHARITONOV, A. V. BABAYEVA, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI,
NO 3, 1961, PP 645-648.

CB

SCI
AUG 62

205,818

The Reaction of α -Methyltrimethylene Oxide With Chlorosilanes, Aluminum Chloride, and Titanium Tetrachloride, by N. I. Shuikin, I. E. Grushko, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3, 1961, pp 649-651.

CB

Sci - Chem

Aug 62

Mass Spectrometric Study of the Vapor Composition
Above Rare Earth Oxides, by S. A. Shchukarev,
G. A. Semenov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 3, 1961, pp 652-655.

CB

Sci - Chem

Aug 62

INFLUENCE OF TERMINAL SUBSTITUENTS IN 5-
NITROFURYL POLYENE DERIVATIVES ON THEIR
ELECTRONIC SPECTRA, BY YA. A. EIDUS, K. K.
VENTER, 4pp.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 3,
1961, PP 655-658.

CB

205.8819

SCI

6

Effect of Oxygen Atoms on Combustion at Low
Pressures, by V. Ya. Basevich, S. M. Kogarko,
6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 3, 1961, pp 659-661. 9676336

FTD-TT-62-219

Sci - Chem, Phys

C2

194,141

4 May 62

The Effect of Thermal Interaction on Systems
Consisting of Polymers and Disperse Metals,
by S. D. Levina, K. P. Lobanova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 3, 1961, pp 662-664.

Sci - Phys, Chem

Aug 62

CB
ATS/RJ-3357

Isotopic Exchange Between O_2^{18} and Molten
 Na_2WO_4 , by V. I. Spitsyn, V. G. Finikov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 3, 1961, pp ~~665-667~~ 665-667.

CB

Sci - Phys, Chem

Aug 62

THE INFRARED SPECTRA OF CERTAIN R-O-Li COMPOUNDS,
BY A. P. SIMONOV, D. N. SHIGORIN, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 3,
1961, PP 665-667.

CB

SCI - PHYS CHEM

209,632

AUG 62

ADSORPTION OF AROMATIC AND HYDROAROMATIC
COMPOUNDS AT A MERCURY-SOLUTION INTERFACE, BY
A. N. FRUMKIN, R. I. KAGANOVICH, 4 PP.

RUSSIAN, PER, DOK AK NUAK SSSR, VOL CXLI, NO 3,
1961, PP 670-673.

CB

SCI - PHY CHEM

209,633

SEP 62

Ultraviolet Fluorescence of Cells During Mitotic Division, by E. M. Brumberg, M. N. Meisel', 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3, 1962, pp 723-725.

①

AIBS

Sci - Biol Sci

Sep 62

New Facts Concerning the Afferent Innervation of E
Peripheral Autonomic Neurons, by A. A.
Milkhin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3,
1967, pp 726-729.

AIIBS

211,578

Sci - Biol Sci

Sep 62

The Morphology and Cytochemistry of the Oxyphil
Neurosecretion in the Hypothalamic Region of the
AA Albino Mouse, by A. L. Polenov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3,
1962, pp 730-733.

AIBS

211, 579

Sci - Biol Sc 1
Sep 62

Persistence of Chromosome Injuries in Resting Rat
Liver Cells After X-ray Exposure, by I. M. Shapiro,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3, 1961,
pp 734-736.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci

May 62

Examination of the Product of Enzymic Reduction of
Carbon Dioxide in Plants by Means of an Alkaline
Hydrolysis Method, by E. A. Biochenko, G. N. Sayenko,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3, 1961,
pp 737-739.

AIBS

Sci

Jun 62

Biochemical Changes in Synchronous Cultures
of *Azotobacter Vinelandii*, by G. N. Zaitseva,
I. A. Khmel', 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 3, 1961, pp 740-743.

AIBS

Sci

200, 819

Jun 62

Isotope Exchange of Hydrogen Atoms of
Chlorophyll, by V. M. Kutyurin,
A. V. Karyakin, 4 pp.

RUSSIAN, per, ~~Dok Ak Nauk SSSR~~, Vol ^X ~~CMLI~~,
No 3, 1961, pp 744-747.

AIDS

Sci

200,820

Jun 62

Participation of Lipids of Plastids in Protein
Synthesis, by N. M. Siskyan, E. N. Bezinger, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3, 1961,
pp 748-750.

AIBS

Sci

Jun 62

Effect of Insufficient Moisture in the Soil on the
Dynamics of Alkaloid Accumulation in the Genus Datura,
by S. E. Shpilenny, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3, 1961,
pp 751-753.

AIBS

Sci

Jun 62

Assignment of Two Rostraria-Type Polychaete Larvae
From the Plankton of the Northwest Atlantic to Species
Amphinoma Pallei Quatrefages 1865 and Chloene
Atlantica McIntosh 1885 (Polychaeta, Eteimata,
Amphinomorphia), by S. A. Millaikovskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 3,
1964, pp 754-757.

①

ATBS

211,566

Sci - Biol Sci

Sep 62

A Continuous Analogue of Polynomials Orthogonal
on a Circular Arc, by N. I. Akhiezer, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp ~~669-672~~.
7 7

Amer Math Soc

Sci

Jun 62

200,864

Integral Equations Containing Integrals
Extending Over a Surface With Edges, by
T. G. Gegelia, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 773-776.

Amer Math Soc

Sci

200, 865

Jun 62

On a Theorem of Burewicz, by A. Zarelua,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CKLI,
1961, pp 777-780.

Amer Math Soc

Sci

Jun 62

200, 866

On Σ Orthogonal Polynomials With Weight
Functions Vanishing or Becoming Infinite
at Isolated Points of the Interval of
Orthogonality, by V. P. Konoplev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 781-784.

Amer Math Soc

Sci

200, 867

Jun 62

Some Approximate Methods of Solving Nonlinear
Operator Equations Based on ~~Krasnosel'skiy~~ Lineariza-
tions, by M. A. Krasnosel'skiy, Ya. B.
Rutitskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXLI,
1961, pp 785-788.

Amer Math Soc

Sci

200,868

Jun-62

Radicals in the Theory of Groups, by
A. G. Kurosh, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 789-892.

Amer Math Soc

Sci

Jun 62

200,869

Homogeneous Asymmetric Riemannian Spaces
With an Irreducible Group of Rotations, by
O. V. Manturov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 792-795.

Amer Math Soc

Sci

Jun 62

200,870